



## Vladimir Divić

**Nationality:** Croatian **Date of birth:** 21 Jan 1983 **Gender:** Male

**Email address:** [vladimir.divic@gradst.hr](mailto:vladimir.divic@gradst.hr) **Skype:** vladimir.divic83

**Website:** <http://www.gradst.hr>

### WORK EXPERIENCE

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#### Associate professor

*Fakultet građevinarstva, arhitekture i geodezije, Sveučilište u Splitu* [ 1 Dec 2021 – Current ]

City: Split | Country: Croatia

#### Assistant professor

*Fakultet građevinarstva, arhitekture i geodezije, Sveučilište u Splitu* [ 1 Oct 2021 – 1 Dec 2021 ]

City: Split | Country: Croatia

#### Head of laboratory / Assistant professor

*Fakultet građevinarstva, arhitekture i geodezije, Sveučilište u Splitu* [ Jan 2016 – 1 Oct 2021 ]

City: Split | Country: Croatia

#### Head of laboratory / Postgraduate

*Fakultet građevinarstva, arhitekture i geodezije, Sveučilište u Splitu* [ Feb 2014 – Feb 2016 ]

City: Split | Country: Croatia

#### Head of laboratory / research assistant

*Fakultet građevinarstva, arhitekture i geodezije, Sveučilište u Splitu* [ Feb 2008 – Mar 2014 ]

City: Split | Country: Croatia

### EDUCATION AND TRAINING

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#### Ph.D.

*Fakultet građevinarstva, arhitekture i geodezije, Sveučilište u Splitu* [ 2007 – 2014 ]

City: Split | Country: Croatia | Level in EQF: EQF level 8

#### Graduated civil engineer

*Fakultet građevinarstva, arhitekture i geodezije, Sveučilište u Splitu* [ 2000 – 2007 ]

City: Split | Country: Croatia

#### Category 1 Thermographer

*Infrared Training Center* [ 2024 ]

City: Ljubljana | Country: Slovenia | Website: <https://www.infraredtraining.com/>

### LANGUAGE SKILLS

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**Mother tongue(s):** Croatian

## Other language(s):

### English

**LISTENING C2 READING C2 WRITING C1**

**SPOKEN PRODUCTION C2 SPOKEN INTERACTION C2**

*Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user*

## DIGITAL SKILLS

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MS Office (Excel, Word, PowerPoint) / Izrada modela za 3D printanje / Data visualisation / C,C++,C Programming / Matlab/Simulink / Autocad and Solidworks / Technical 3d modelling / Embedded programming

## JOB RELATED SKILLS

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### Job related skills

#### ■ Research

- Wind loading on structures, numerical modeling of structures, system identification using fullscale measurement of constructions
- Experimental simulation of fire loading in structures
- Development of combined mechanical and photogrammetric measurement techniques for material in civil engineering

#### ■ Application development

- Proficient in programming skills, in structured and object oriented programming
- Programming in C++, MATLAB
- Lot of applications done for my research and professional work, in various formats

#### ■ Measurement science

- Developed system for structural monitoring of wind loading on steel truss tower
- Development of measurement techniques for hydrodynamical properties

#### ■ Writing proposals for scientific projects

Collaborated on writing proposal for several different scientific projects

- Termography

## ORGANISATIONAL SKILLS

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### Organisational skills

Good organisation skills gained as head of laboratory, responsible for managing laboratory staff, equipment and infrastructure.

## COMMUNICATION AND INTERPERSONAL SKILLS

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**Communication and interpersonal skills** Presentation skills - experience in presentation at international scientific conferences

Teaching skills - over 15 years of teaching experience as RA and professor at undergraduate and

## DRIVING LICENCE

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**Driving Licence:** B

## CONFERENCES AND SEMINARS

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[ 2023 ] Japan

**The Impact of Water Flow Variability on Brackish Water Distribution in Prokljan Lake, Croatia**

The Impact of Water Flow Variability on Brackish Water Distribution in Prokljan Lake, Croatia

M Galešić Divić, V Divić, M Kvesić Ivanković, R Rumenović, R Andričević

International Conference on Water Resource and Environment, 94-106

[ 2022 ] Vienna

**Development of a multimodal approach to monitoring of coastal waters** Galešić Divić, Morena ; Divić, Vladimir ; Kvesić, Marija ; Kišević, Mak ; Andričević, Roko Development of a multimodal approach to monitoring of coastal waters. // 2022. str.1 - 1. doi:10.5194/egusphere-egu22-6569

[ 2020 ]

**Application of Fused Laser Scans and Image Data—RGB+D for Displacement Monitoring** Peroš, Josip; Paar, Rinaldo; **Divić, Vladimir**: Application of Fused Laser Scans and Image Data—RGB+D for Displacement Monitoring. // Contributions to International Conferences on Engineering Surveying Online: Springer International Publishing, 2020. str. 157-168 doi:10.1007/978-3-030-51953-7\_13 (predavanje, međunarodna recenzija, cjeloviti rad (in extenso), znanstveni)

[ 2020 ]

**DIY approach to measuring surface water properties in the estuary** **Divić, Vladimir**; Galešić, Morena; Di Dato, Mariaines; Tavra, Marina; Andričević, Roko DIY approach to measuring surface water properties in the estuary. // EGU General Assembly 2020 Beč, Austrija: Copernicus GmbH, 2020. doi:10.5194/egusphere-egu2020-6102 (predavanje, međunarodna recenzija, pp prezentacija, znanstveni)

[ 2018 ]

**Experimental and Numerical Analysis of Glued Laminated Timber Beams** Lovrić Vranković, Jelena; Boko, Ivica; **Divić, Vladimir**; Torić, Neno; Goreta, Marko: Experimental and Numerical Analysis of Glued Laminated Timber Beams. // Proceedings of 9th International Congress of Croatian Society of Mechanics / Marović, Pavao ; Krstulović-Opara, Lovre ; Galić, Mirela (ur.). Split: Croatian Society of Mechanics, 2018. 60, 11 (predavanje, međunarodna recenzija, cjeloviti rad (in extenso), znanstveni)

[ 2018 ]

**Testing the influence of creep on fire-exposed aluminium columns. // Proceedings of 9th International Congress of Croatian Society of Mechanics / Marović, Pavao**

Goreta, Marko; Torić, Neno; **Divić, Vladimir**; Boko, Ivica; Lovrić Vranković, Jelena: Testing the influence of creep on fire-exposed aluminium columns. // Proceedings of 9th International Congress of Croatian Society of Mechanics / Marović, Pavao ; Krstulović-Opara, Lovre ; Galić, Mirela (ur.). Split: Croatian Society of Mechanics, 2018. 39, 10. (https://www.bib.irb.hr/956914) (predavanje, međunarodna recenzija, cjeloviti rad (in extenso), znanstveni)

[ 2018 ]

**Spatial Analysis for Wind Risk Index Assessment**

Šerić, Ljiljana; **Divić, Vladimir**; Bugarić, Marin: Spatial Analysis for Wind Risk Index Assessment. // World Academy of Science, Engineering and Technology International Journal of Computer and Information Engineering Vol:12, No:5, 2018 Rim, Italija, 2018. str. 200-200 (predavanje, međunarodna recenzija, sažetak, ostalo)

[ 2018 ]

**EXPERIMENTAL ANALYSIS OF THE INFLUENCE OF CREEP ON FIRE-EXPOSED STEEL AND ALUMINIUM**

**COLUMNS** 1Torić, Neno; Boko, Ivica; **Divić, Vladimir**; Burgess, Ian; Goreta, Marko EXPERIMENTAL ANALYSIS OF THE INFLUENCE OF CREEP ON FIRE-EXPOSED STEEL AND ALUMINIUM COLUMNS. // Structures in Fire - SiF 2018 Belfast, UK, 2018. str. 619-624. (<https://www.bib.irb.hr/942203>) (predavanje, međunarodna recenzija, cjeloviti rad (in extenso), znanstveni)

[ 2017 ]

**High-temperature properties of aluminum alloy EN6082AW T6** Torić, Neno; Boko, Ivica; Uzelac, Ivana;

Harapin, Alen; **Divić, Vladimir**; Galić, Mirela; Brnić, Josip; Čanađija, Marko; Turkalj, Goran; Lanc, Domagoj et al. High-temperature properties of aluminum alloy EN6082AW T6. // Applications of Fire Engineering / Gillie, Martin ; Wang, Yong (ur.). Manchester: CRC Press/Balkema, 2017. str. 31-35. (<https://www.bib.irb.hr/890958>) (predavanje, međunarodna recenzija, cjeloviti rad (in extenso), znanstveni)

[ 2017 ]

**Creep properties of grade S275JR steel at high temperature** Torić, Neno; Brnić, Josip; Boko, Ivica; Čanađija,

Marko; Turkalj, Goran; Lanc, Domagoj; Brčić, Marino; Burgess, Ian; Harapin, Alen; **Divić, Vladimir**; Uzelac, Ivana: Creep properties of grade S275JR steel at high temperature. // 8th European Conference on Steel and Composite Structures / Jönsson, Jeppe (ur.). Copenhagen, 2017. str. 2806-2810 (predavanje, međunarodna recenzija, cjeloviti rad (in extenso), znanstveni)

[ 2017 ]

**Procjena statističkih parametara koncentracije nutrijenata generiranih rijekama u priobalju** Galešić,

Morena; Andričević, Roko; **Divić, Vladimir**: Procjena statističkih parametara koncentracije nutrijenata generiranih rijekama u priobalju. // Zajednički temelji 2017 / Gilja, Gordon ; Haladin, Ivo ; Lukačević, Ivan (ur.). Zagreb, 2017. str. 111-117 (predavanje, domaća recenzija, cjeloviti rad (in extenso), znanstveni)

[ 2017 ]

**New screening tool for obtaining concentration statistics of pollution generated by rivers in estuaries** Gal

ešić, Morena; Andričević, Roko; **Divić, Vladimir**; Šakić Trogrlić, Robert: New screening tool for obtaining concentration statistics of pollution generated by rivers in estuaries. // Proceedings of the 15th International Conference on Environmental Science and Technology Atena, Grčka, 2017. 00772, 5 (predavanje, međunarodna recenzija, cjeloviti rad (in extenso), znanstveni)

[ 2017 ]

**Integrated concentration statistics from river generated pollution in coastal zones** Galešić, Morena;

Andričević, Roko; **Divić, Vladimir**: Integrated concentration statistics from river generated pollution in coastal zones. // Conférence Méditerranéenne Côtière et Maritime (Coastal and Maritime Mediterranean Conference) EDITION 4 Split, Croatia, 2017. str. 157-162 doi:10.5150/cmcm.2017.024 (predavanje, međunarodna recenzija, cjeloviti rad (in extenso), znanstveni)

[ 2017 ]

**Mechanical testing of tensile strength of fired clay brick** **Divić, Vladimir**; Batinić, Milko; Trogrlić, Boris; Galić,

Mirela; Racetin, Ivan Mechanical testing of tensile strength of fired clay brick. // 3rd International Conference on

Multiscale Computational Methods for Solids and Fluids Proceedings / Ibrahimbegović, Adnan ; Brank, Boštjan ; Kožar, Ivica (ur.). Ljubljana: University of Ljubljana, Faculty of Civil and Geodetic Engineering, 2017. str. 116-117 (predavanje, sažetak, znanstveni)

[ 2016 ]

**A unified rheological model for analysis of steel behaviour at high temperature** Torić, Neno; Burgess, Ian W.; Brnić, Josip; Boko, Ivica; Turkalj, Goran; Čanađija, Marko; Harapin, Alen; **Divić, Vladimir**; Uzelac, Ivana: A unified rheological model for analysis of steel behaviour at high temperature. // Structures in Fire, Proceedings of the Ninth International Conference / Moreyra Garlock, Maria E. ; Kodur, V.K.R. (ur.). Lancaster: DEStech Publications, Inc., 2016. str. 1008-1015. (<https://www.bib.irb.hr/820945>) (predavanje, međunarodna recenzija, cjeloviti rad (in extenso), znanstveni)

[ 2016 ]

**Constitutive model for FDEM analysis of fired clay exposed to tension stress** Galić, Mirela; Batinić, Milko; Trogrlić, Boris; **Divić, Vladimir**; Racetin, Ivan: Constitutive model for FDEM analysis of fired clay exposed to tension stress. // ABSTRACT BOOK / Öchsner, Andreas ; Altenbach, Holm (ur.). Split: ICC- International Conferences and Courses Limited, 2016. (poster, međunarodna recenzija, sažetak, znanstveni)

[ 2016 ]

**Potential data used for validation of concentration statistics obtained using analytical model for conservative transport in an estuary** Galesic, Morena; Andricevic, Roko; **Divić, Vladimir**; Mateus, Marcos; Pinto, Ligia Potential data used for validation of concentration statistics obtained using analytical model for conservative transport in an estuary. // EGU General Assembly 2016 Beč, Austrija, 2016.. (<https://www.bib.irb.hr/829946>) (poster, sažetak, znanstveni)

[ 2015 ]

**Simulations of membrane failure using combined finite and discrete element method** **Divić, Vladimir**; Peroš, Bernardin; Boko, Ivica: Simulations of membrane failure using combined finite and discrete element method. // Proceedings of the 8th International Congress of Croatian Society of Mechanics / Kožar, Ivica ; Bičanić, Nenad ; Jelenić, Gordan ; Čanađija, Marko (ur.). Opatija, Hrvatska, 2015. (predavanje, međunarodna recenzija, cjeloviti rad (in extenso), znanstveni)

[ 2012 ]

**Frontiers and challenges in numerical simulation of the blasting process using the combined finite discrete element method** Munjiza, Ante; **Divić Vladimir**; Bibhu Mohanty: Frontiers and challenges in numerical simulation of the blasting process using the combined finite discrete element method. // 10th International Symposium on Rock Fragmentation by Blasting, FRAGBLAST 10 / Pradeep K. Singh, Amalendu Sinha (ur.). Boca Raton, Fla.: CRC Press/Balkema, 2012. str. 15-21 (plenarno, međunarodna recenzija, cjeloviti rad (in extenso), znanstveni)

[ 2011 ]

**Displacements of Structures Subjected by Action of Characteristic Winds in the Adriatic Coastal Belt** Peroš, Bernardin; **Divić, Vladimir**; Uzelac, Ivana: Displacements of Structures Subjected by Action of Characteristic Winds in the Adriatic Coastal Belt. // 13th International Conference on Wind Engineering / Geurts, Chris (ur.). - Amsterdam : ICWE13 , 2011. Amsterdam, 2011. (predavanje, međunarodna recenzija, cjeloviti rad (in extenso), znanstveni)

[ 2010 ]

**Wind energy potential in the Adriatic coastal area, Croatia - field study** Peroš, Bernardin; Bajić, Alica; **Divić, Vladimir**: Wind energy potential in the Adriatic coastal area, Croatia - field study. // CWE2010 North Carolina,

USA: International association for wind engineering, 2010. (predavanje, međunarodna recenzija, cjeloviti rad (in extenso), znanstveni)

[ 2010 ]

**Određivanje karakteristika lokalnih vjetrova u hrvatskom priobalju** Peroš, Bernardin; Boko, Ivica; **Divić Vladimir**: Određivanje karakteristika lokalnih vjetrova u hrvatskom priobalju. // Zbornik radova trećeg internacionalnog naučno-stručnog skupa Građevinarstvo - nauka i praksa / Duško Lučić (ur.). Beograd: Publikum, 2010. str. 1027-1032 (predavanje, cjeloviti rad (in extenso), znanstveni)

[ 2009 ]

**Wind shear characteristics of local winds** Peroš, Bernardin; Boko, Ivica; **Divić, Vladimir**: Wind shear characteristics of local winds. // Proceedings of Seventh Asia-Pacific Conference on Wind Engineering / Chii-Ming Cheng (ur.). Taipei: Chinese Taiwan Association for Wind Engineering, 2009. str. 649-652 (predavanje, međunarodna recenzija, cjeloviti rad (in extenso), znanstveni)

## PROJECTS

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[ 20 Dec 2019 – 30 Nov 2023 ]

**CAAT (Coastal Autopurification Assessment Technology) - Razvoj tehnologije za procjenu autopurifikacijskih sposobnosti priobalnih voda**

- CAAT (Coastal Autopurification Assessment Technology) - Razvoj tehnologije za procjenu autopurifikacijskih sposobnosti priobalnih voda, employed as part of proposal writing team and researcher from 20.12.2019., funded by Operational Programme Competitiveness and Cohesion 2014-2020

[ 21 Dec 2020 – 21 Jan 2023 ]

**COMON – Monitoring obalnog područja koristeći višeskalne metode [Eng. Coastal zone monitoring using multi-scaling methods] – KK.01.1.1.07.0033** COMON – Monitoring obalnog područja koristeći višeskalne metode [Eng. Coastal zone monitoring using multi-scaling methods] – KK.01.1.1.07.0033 - researcher on project, funded by European Union from European Structural and Investment Funds 2014–2020,

[ 4 May 2018 – 1 Oct 2021 ]

**Implementacijom suvremene znanstveno-istraživačke infrastrukture na FGAG do pametne specijalizacije u zelenoj i energetske učinkovitoj gradnji (INFRA)**

- Implementacijom suvremene znanstveno-istraživačke infrastrukture na FGAG do pametne specijalizacije u zelenoj i energetske učinkovitoj gradnji (INFRA) employed as part of proposal writing team and researcher from 04.05.2018, funded by Operational Programme Competitiveness and Cohesion 2014-2020.

[ 30 Sep 2015 – 29 Sep 2018 ]

**Influence of creep strain on the load capacity of steel and aluminium columns exposed to fire**

- Influence of creep strain on the load capacity of steel and aluminium columns exposed to fire employed as researcher in duration 01.10.2015. - 30.09.2018, funded by Croatian national foundation for science.

[ 31 Jul 2015 – 30 Dec 2016 ]

### **WindRisk**

- WindRisk employed as expert in wind loading of structures in duration 01.08.2015. - 31.12.2016., co-funded by the European Commission under the Civil Protection Financial Instrument of the European Union (ECHO)

[ 29 Jun 2015 – 29 Sep 2016 ]

### **Risk assessment of the pollution caused by rivers and discharges in coastal areas (CPoRT)**

- Risk assessment of the pollution caused by rivers and discharges in coastal areas (CPoRT) employed as researcher in duration 30.06.2015. - 30.09.2016, co-funded by European Social Fund.

## **SCIENCE ARTICLES**

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### **Estimation of Water Quality Parameters in Oligotrophic Coastal Waters Using Uncrewed-Aerial-Vehicle-Obtained Hyperspectral Data Multiscale beam model for simulating fracture in laminated glass structures**

Galešić Divić, Morena; Kvesić Ivanković, Marija; Divić, Vladimir; Kišević, Mak; Panić, Marko; Lugonja, Predrag; Crnojević, Vladimir; Andričević, Roko; Estimation of Water Quality Parameters in Oligotrophic Coastal Waters Using Uncrewed-Aerial-Vehicle-Obtained Hyperspectral Data Journal of marine science and engineering, 11,10,2026,2023,MDPI

[ 2023 ]

### **Multiscale beam model for simulating fracture in laminated glass structures**

Grozđanić, Gabrijela; Ibrahimbegović, Adnan; Galić, Mirela; Divić, Vladimir; Multiscale beam model for simulating fracture in laminated glass structures, Engineering fracture mechanics,292,2023

[ 2022 ]

### **Behaviour of Aluminium EN AW 6082 T6 Columns Exposed to Transient Heating—Experimental and Numerical Analysis**

Goreta, Marko ; Torić, Neno ; Boko, Ivica ; Divić, Vladimir Behaviour of Aluminium EN AW 6082 T6 Columns Exposed to Transient Heating—Experimental and Numerical Analysis // Metals, 12 (2022.); 1326, 17. doi:10.3390/met12081326

[ 2022 ]

### **Fusion of Laser Scans and Image Data—RGB+D for Structural Health Monitoring of Engineering Structures**

Peroš, Josip ; Paar, Rinaldo ; Divić, Vladimir ; Kovačić, Boštjan Fusion of Laser Scans and Image Data—RGB+D for Structural Health Monitoring of Engineering Structures // Applied sciences (Basel), 12 (2022.); 11763, 23. doi: 10.3390/app122211763

[ 2022 ]

## **Parametric Analyses of the Influence of Temperature, Load Duration, and Interlayer Thickness on a Laminated Glass Structure Exposed to Out-of-Plane Loading**

Galić, Mirela ; Grozdanić, Gabrijela ; Divić, Vladimir ; Marović, Pavao Parametric Analyses of the Influence of Temperature, Load Duration, and Interlayer Thickness on a Laminated Glass Structure Exposed to Out-of-Plane Loading // *Crystals*, 12 (2022.); 10.3390/cryst12060838, 28. doi:10.3390/cryst12060838

[ 2021 ]

## **Performance-based wind engineering assessment of critical telecommunication infrastructure subjected to bora wind**

Đepina, Ivan ; Divić, Vladimir ; Munjiza, Ante ; Peroš, Bernardin Performance-based wind engineering assessment of critical telecommunication infrastructure subjected to bora wind // *Engineering structures*, 236 (2021.); 112083, 12. doi:10.1016/j.engstruct.2021.112083

[ 2020 ]

## **Application of Open Source Electronics for Measurements of Surface Water Properties in an Estuary: A Case Study of River Jadro**

**Divić, Vladimir**; Galešić, Morena; Di Dato, Mariaines; Tavra, Marina; Andričević, Roko Application of Open Source Electronics for Measurements of Surface Water Properties in an Estuary: A Case Study of River Jadro, Croatia. // *Water*, 12 (2020), 209, 29 doi:10.3390/w12010209 (međunarodna recenzija, članak, znanstveni)

[ 2020 ]

## **Structural applications of the combined finite- discrete element method**

Munjiza, Ante; Smoljanović, Hrvoje; Živaljić, Nikolina; Mihanović, Ante; **Divić, Vladimir**; Uzelac, Ivana; Nikolić, Željana; Balić, Ivan; Trogrlić, Boris : Structural applications of the combined finite- discrete element method. // *Computational particle mechanics*, 7 (2020), 1029-1046 doi:10.1007/s40571-019-00286-5 (međunarodna recenzija, članak, znanstveni)

[ 2018 ]

## **Groundwater Flow Modeling in Karst Aquifers: Coupling 3D Matrix and 1D Conduit Flow via Control Volume Isogeometric Analysis— Experimental Verification with a 3D Physical Model**

Malenica, Luka; Gotovac, Hrvoje; Kamber, Grgo; Simunović, Srdjan; Allu, Srikanth; **Divić, Vladimir**: Groundwater Flow Modeling in Karst Aquifers: Coupling 3D Matrix and 1D Conduit Flow via Control Volume Isogeometric Analysis— Experimental Verification with a 3D Physical Model. // *Water*, 10 (2018), 12; 1787, 32 doi:10.3390/w10121787 (međunarodna recenzija, članak, znanstveni)

[ 2018 ]

## **New Screening tool for Obtaining Concentration Statistics of Pollution Generated by Rivers in Estuaries**

Galešić, Morena; Andričević, Roko; **Divić, Vladimir**; Šakić Trogrlić, Robert: New Screening tool for Obtaining Concentration Statistics of Pollution Generated by Rivers in Estuaries. // *Water*, 10 (2018), 5; 639, 12 doi:10.3390/w10050639 (međunarodna recenzija, članak, znanstveni)

[ 2018 ]



## Behaviour of Steel Grade S275JR Columns under the Influence of High-Temperature Creep

Torić, Neno; Boko, Ivica; **Divić, Vladimir**; Burgess, Ian W. : Behaviour of Steel Grade S275JR Columns under the Influence of High-Temperature Creep. // Metals, 8 (2018), 11; 874, 16 doi:10.3390/met8110874 (međunarodna recenzija, članak, znanstveni)

[ 2018 ]

### Combined photogrammetry and mechanical testing of fired clay brick

Batinić, Milko; Galić, Mirela; Trogrlić, Boris; **Divić, Vladimir**; Racetin, Ivan; Mihanović, Ante: Combined photogrammetry and mechanical testing of fired clay brick. // Materialwissenschaft und Werkstofftechnik, 49 (2018), 1399-1408 doi:10.1002/mawe.201700106 (međunarodna recenzija, članak, znanstveni)

[ 2014 ]

### MULTIPLICATIVE DECOMPOSITION BASED FDEM MODEL FOR MEMBRANE STRUCTURES

**Divić, Vladimir**; Uzelac, Ivana; Peroš, Bernardin: MULTIPLICATIVE DECOMPOSITION BASED FDEM MODEL FOR MEMBRANE STRUCTURES. // Transactions of FAMENA, 38 (2014), 1; 1-12 (međunarodna recenzija, članak, znanstveni)

[ 2013 ]

### Fracture and fragmentation of thin shells using the combined finite-discrete element method

Munjiza, Ante; Zhou, Lei; **Divić, Vladimir**; Peroš, Bernardin: Fracture and fragmentation of thin shells using the combined finite-discrete element method. // International journal for numerical methods in engineering, 95 (2013), 6; 478-498 doi:10.1002/nme.4511 (međunarodna recenzija, članak, znanstveni)

[ 2012 ]

### Behaviour of prestressed hollow-core concrete slab under fire - experimental study

Torić, Neno; **Divić, Vladimir**; Boko, Ivica: Behaviour of prestressed hollow-core concrete slab under fire - experimental study. // Tehnicki Vjesnik-Technical Gazette, 19 (2012), 4; 847-856 (međunarodna recenzija, članak, znanstveni)

## MOBILITY

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### Mobility

- Instituto Superior Técnico, MARETEC, Lisbon od 01.02.2016. do 28.02.2016. as researcher on project "Risk assessment of the pollution caused by rivers and discharges in coastal areas"
- Czech Technical University in Prague, Faculty of Civil Engineering 02.06.2019. - 09.06.2019. financed by ERASMUS+ programme

## PROMOTION OF SCIENCE

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[ 2023 ]

## Science festiva 2023

[ 2020 ]

### Night of researchers 2020

Prezentacija: Razvoj prototipa mjernih uređaja pomoću open-source alata

Link: <https://www.facebook.com/886417428107734/posts/3533781070038010/>

[ 2019 ]

### Science festival 2019

Izrada uređaja za vizualizaciju pronosa topline

Link: <http://gradst.unist.hr/novosti/articletype/articleview/articleid/3909/festival-znanosti-2019--fgag>

[ 2018 ]

### Science festival 2018

Razvoj mini potresne platforme za simulaciju potresa na modelima.

Link: <https://fb.watch/2dIKHdJD1h/>